

Work Order ID 102296

102296

Page 1

May-28-13 1:53:00 PM

Item ID: D206-781-021

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Floor Protector (Passenger Cabin)

Start Date: 5/22/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/31/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *MLJ*

Date: *13-05-28*

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI9651

A

0.00

100

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D206-781-021
CHG 002

DAS
06
8-89

13/7/24

①

105

Pick Kit

0.00

105

Packaging

Memo

0.00

Packaging

IX

SP
13-6-13

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

DAS
06
8-89

13/7/24

①

Work Order ID 102296

102296

Page 2

May-28-13 1:53:00 PM

Item ID: D206-781-021

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Floor Protector (Passenger Cabin)

Start Date: 5/22/13 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 5/31/13 Req'd Qty: 1.00 *1*

Customer:



Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-781-021								
	Location: 								
	PPP rev: 								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

13/12/13 SP 8

MLD 13-07-25

ME 13-7-24

Picklist Print

May-27-13 2:25:23 PM

Page 1

Work Order ID: 102296

Parent Item: D206-781-021

Parent Item Name: Floor Protector (Passenger Cabin)

Start Date: 5/22/13

Required Date: 5/31/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC
DSI9651 REV.A DD VERF:JLM

IPP REV:B 13.04.18 AS PER

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3875-1 Floor Protector		Manufactured	No			110	Each	0.0000	1	1			
D3934-041 Clip Assembly		Manufactured	No			110	Each	14.0000	2	2			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				st073		14							
				67931		6							
				89959		4							
				98216		4							
D3800-1-100 Hook and Loop Strip (1" Soft)		Manufactured	No			110	f	105.4464	8.333	8.333			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST065		105.4464							
				100453		75							
				84060		7.9984							
				85354		10.667							
				93553		11.781							
D3800-3-100 Hook and Loop Strip (1" Hard)		Manufactured	No			110	f	99.3184	8.333	8.333			
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST065		99.3184							
				100559		75							
				84061		7.9984							
				85355		11.202							
				93554		5.118							

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist Print

May-27-13 2:25:24 PM

Page 2

Work Order ID: 102296

Parent Item: D206-781-021

Parent Item Name: Floor Protector (Passenger Cabin)

Start Date: 5/22/13

Required Date: 5/31/13

Start Qty: 1.00

Required Qty: 1.00

AN525-10R6

Screw

Purchased No

110 Each 211.0000

Location

Loc Qty

Loc Code

ST344

211

120910

2

122151

100

122814

9

125445

100

D4820-041

FPC Clip Assembly

Manufactured No

110 Each 4.0000

Location

Loc Qty

Loc Code

ST123

4

100639

4

May-27-13 2:25:24 PM

Shop Packet Print

Page 2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-781-1 REV E AND INSTRUCTIONS FOR CONTINUED
AIRWORTHINESS ICA-D407-781 REV 4

REF CANADIAN STC: SH08-60
FAA STC: SR02726NY
EASA STC: EASA.IM.R.S.01541

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide an alternate method of installing the D206-781-021 Floor Protector Kit when it is installed on aircraft without carpets.

2.0 INSTALLATION (refer to Figure 1)

- 2.1 Position the D3875-1 Floor Protector in the passenger area, trimming the edge flanges, as required, for clearance around obstacles and/or to optimize the fit. Ensure there is no debris beneath the protector.
- 2.2 Select the best positions for the D4820-041 Clips to pick up on the existing inserts (2 per side). Press down firmly on the floor protector to ensure it is in full contact with the aircraft floor and transfer mark the hole locations to the D4820-041 Clips.
- 2.3 Drill out the marked holes to $\varnothing 0.201$ and deburr.
- 2.4 Install the D4820-041 Clips (2 per side) using AN525-10R6 screws and secure the D3875-1 Floor Protector. The flat portion of the D4820-041 Clip Assy should slip behind the D3875-1 Floor Protector. Torque the screws to 15-25 in-lbs (1.7-2.8 N-m).
- 2.5 Re-install any previously removed equipment. Re-install any decals, placards or stencilled markings that are required for the safe operation of the aircraft.

3.0 PARTS LIST

IS

Qty -021	Part Number	Description
X	D206-781-021	FLOOR PROTECTOR KIT (PASSENGER CABIN)
1	D3875-1	FLOOR PROTECTOR, PASSENGER
2	D3934-041	CLIP ASSY
4	D4820-041	CLIP ASSY
4	AN525-10R6	SCREW
2	D3800-1-100-500	LOOP STRIP
2	D3800-3-100-500	HOOK STRIP

WAS

Qty -021	Part Number	Description
X	D206-781-021	FLOOR PROTECTOR KIT (PASSENGER CABIN)
1	D3875-1	FLOOR PROTECTOR, PASSENGER
2	D3934-041	CLIP ASSY
2	AN525-10R6	SCREW
2	D3800-1-100-500	LOOP STRIP
2	D3800-3-100-500	HOOK STRIP


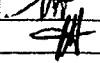
102296 MJS
13-05-28

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 13.04.11
CERT. NO.: SH08-60
ISSUE NO.: 1

A	NEW RELEASE	DB	13.04.11
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9651	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		FLOOR PROTECTOR INSTALLATION	NTS
DATE	13.04.11	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

4.0 WEIGHT AND BALANCE

This change has negligible effect on weight and balance.

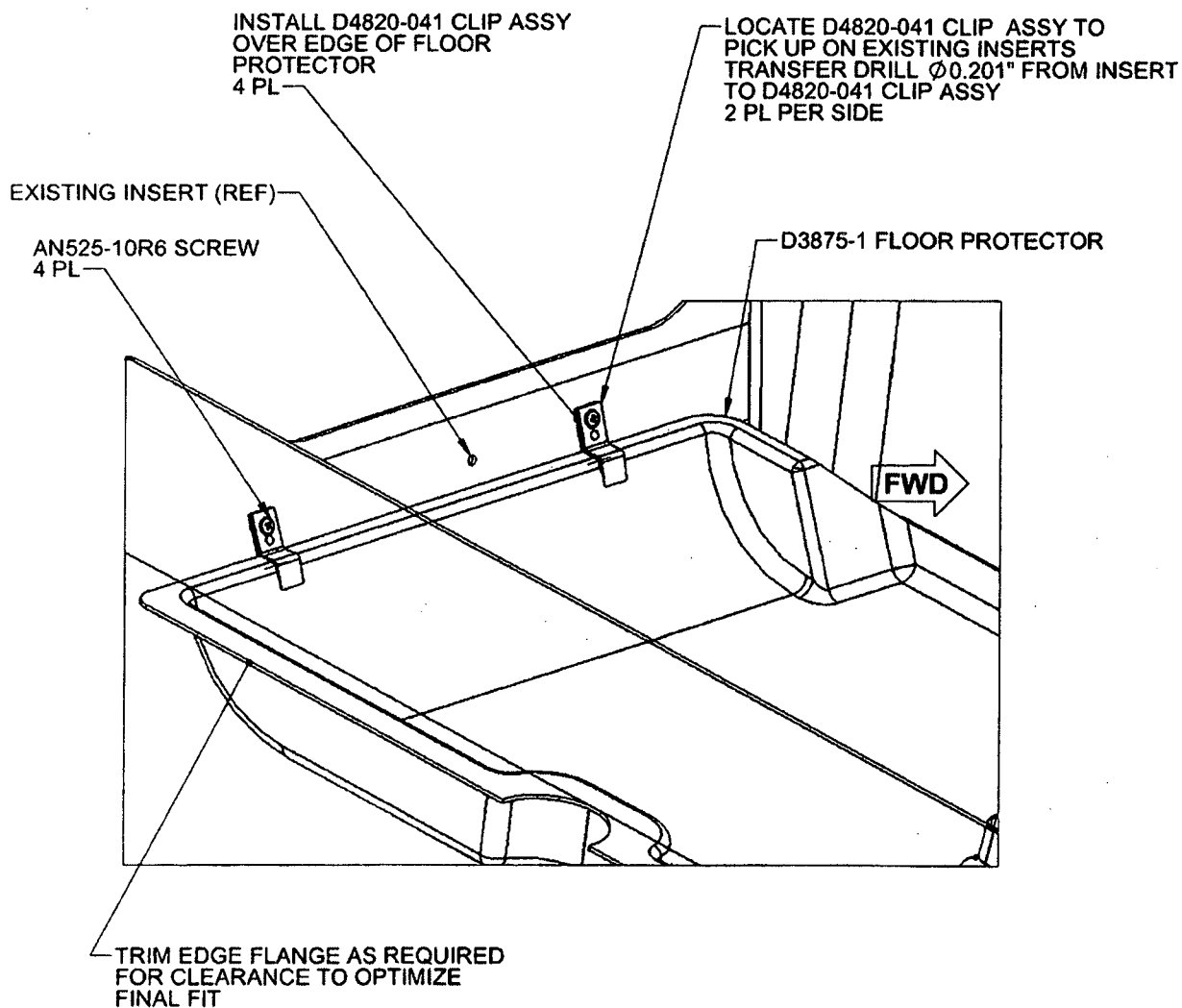


FIGURE 1: FLOOR PROTECTOR INSTALLATION

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 13.04.11
CERT. NO.: SH08-60
ISSUE NO.: 1

DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	A.P.	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9651	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	FLOOR PROTECTOR INSTALLATION	NTS
DATE	13.04.11	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

102296

5.0 PARTS LIST

5.1 BELL 206 A/B

Qty -051	Qty -011	Qty -021	Part Number	Description
X			D206-781-051	FLOOR PROTECTOR KIT (PILOT, CO-PILOT, PASSENGER CABIN)
1	X		D206-781-011	FLOOR PROTECTOR KIT (PILOT AND CO-PILOT)
1		X	D206-781-021	FLOOR PROTECTOR KIT (PASSENGER CABIN)
	1		D3874-1	FLOOR PROTECTOR, CO-PILOT
	1		D3874-2	FLOOR PROTECTOR, PILOT
		1	D3875-1	FLOOR PROTECTOR, PASSENGER
		2	D3934-041	CLIP ASSEMBLY
	4		D3800-1-100-300	LOOP STRIP
	4		D3800-3-100-300	HOOK STRIP
		2	D3800-1-100-500	LOOP STRIP
		2	D3800-3-100-500	HOOK STRIP
	2		AN4-13A	BOLT
		4	AN525-10R6	SCREW
	2		AN960JD416	WASHER
	2		NAS43DD4-20	SPACER
	1		NAS43DD4-64	SPACER

5.2 BELL 206 L/L1/L3/L4

Qty -053	Qty -011	Qty -023	Part Number	Description
X			D206-781-053	FLOOR PROTECTOR KIT (PILOT, CO-PILOT, PASSENGER CABIN)
1	X		D206-781-011	FLOOR PROTECTOR KIT (PILOT AND CO-PILOT)
1		X	D206-781-023	FLOOR PROTECTOR KIT (PASSENGER CABIN)
	1		D3874-1	FLOOR PROTECTOR, CO-PILOT
	1		D3874-2	FLOOR PROTECTOR, PILOT
		1	D3898-1	FLOOR PROTECTOR, PASSENGER
		2	D3934-041	CLIP ASSEMBLY
	4		D3800-1-100-300	LOOP STRIP
	4		D3800-3-100-300	HOOK STRIP
		2	D3800-1-100-500	LOOP STRIP
		2	D3800-3-100-500	HOOK STRIP
	2		AN4-13A	BOLT
		4	AN525-10R6	SCREW
	2		AN960JD416	WASHER
	2		NAS43DD4-20	SPACER
	1		NAS43DD4-64	SPACER

5.0 PARTS LIST

5.1 BELL 206 A/B

Qty -051	Qty -011	Qty -021	Part Number	Description
X			D206-781-051	FLOOR PROTECTOR KIT (PILOT, CO-PILOT, PASSENGER CABIN)
1	X		D206-781-011	FLOOR PROTECTOR KIT (PILOT AND CO-PILOT)
1		X	D206-781-021	FLOOR PROTECTOR KIT (PASSENGER CABIN)
	1		D3874-1	FLOOR PROTECTOR, CO-PILOT
	1		D3874-2	FLOOR PROTECTOR, PILOT
		1	D3875-1	FLOOR PROTECTOR, PASSENGER
		2	D3934-041	CLIP ASSEMBLY
	4		D3800-1-100-300	LOOP STRIP
	4		D3800-3-100-300	HOOK STRIP
		2	D3800-1-100-500	LOOP STRIP
		2	D3800-3-100-500	HOOK STRIP
	2		AN4-13A	BOLT
		4	AN525-10R6	SCREW
	2		AN960JD416	WASHER
	2		NAS43DD4-20	SPACER
	1		NAS43DD4-64	SPACER

5.2 BELL 206 L/L1/L3/L4

Qty -053	Qty -011	Qty -023	Part Number	Description
X			D206-781-053	FLOOR PROTECTOR KIT (PILOT, CO-PILOT, PASSENGER CABIN)
1	X		D206-781-011	FLOOR PROTECTOR KIT (PILOT AND CO-PILOT)
1		X	D206-781-023	FLOOR PROTECTOR KIT (PASSENGER CABIN)
	1		D3874-1	FLOOR PROTECTOR, CO-PILOT
	1		D3874-2	FLOOR PROTECTOR, PILOT
		1	D3898-1	FLOOR PROTECTOR, PASSENGER
		2	D3934-041	CLIP ASSEMBLY
	4		D3800-1-100-300	LOOP STRIP
	4		D3800-3-100-300	HOOK STRIP
		2	D3800-1-100-500	LOOP STRIP
		2	D3800-3-100-500	HOOK STRIP
	2		AN4-13A	BOLT
		4	AN525-10R6	SCREW
	2		AN960JD416	WASHER
	2		NAS43DD4-20	SPACER
	1		NAS43DD4-64	SPACER

Work Order ID 102296

May-28-13 1:53:00 PM

102296

Page 1 .

Item ID: D206-781-021

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Floor Protector (Passenger Cabin)

Stop *NS2*

Start Date: 5/22/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/31/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: MLJ

Date: 13-05-28

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI9651

A

WSP

100

0.00

100

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D206-781-021
CHG 002

CA 13/06/13

105

Pick Kit

0.00

105

Packaging

Memo

0.00

Packaging

IX

SP
13-6-13

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control